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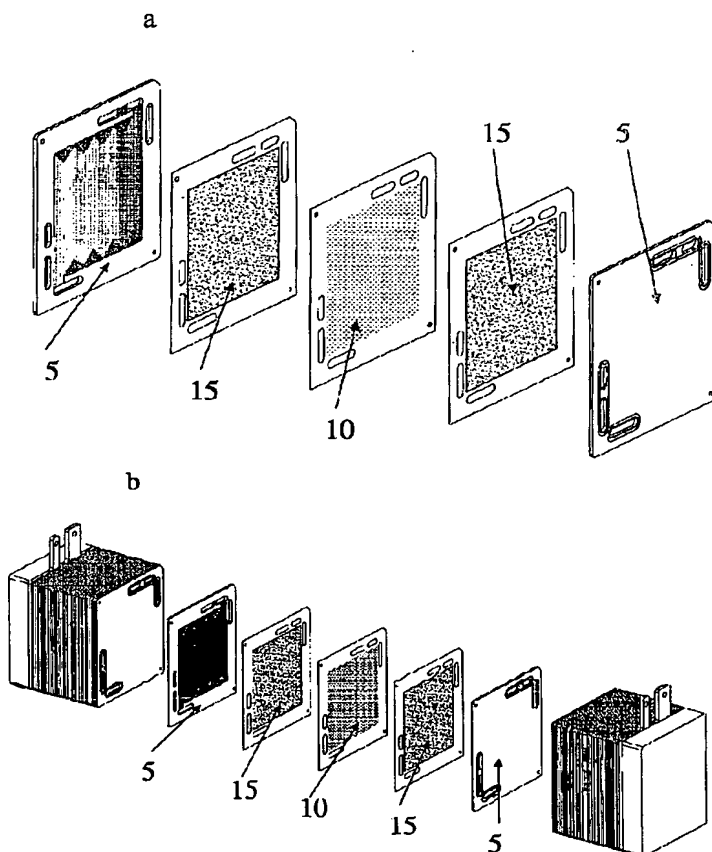
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(54) Title: PROCESS FOR JOINING A GAS DIFFUSION LAYER TO A SEPARATOR PLATE



(57) Abstract: There is provided a process for joining a gas diffusion layer to a separator plate of an electrochemical cell. The gas diffusion layer comprises a porous body that allows a reactant gas to diffuse through the gas diffusion layer. The separator plate comprises at least one landing surface formed on a surface of the separator plate, and the separator plate and landing surface comprising a polymer and conductive filler. The process includes the step of welding the landing surface to the gas diffusion layer by impregnating some of the polymer on the landing surface within a portion of the porous body.

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